

INQUIRIES

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EMPLOYED WAGE AND SALARY EARNERS : AUSTRALIA
FEBRUARY 1977

PRELIMINARY

MAIN FEATURES

The figures below refer only to civilian wage and salary earners excluding those in agriculture and private domestic service.

- Total employment increased by 27,800 persons (9,600 males, 18,300 females). This was less than the normal seasonal increase, and in seasonally adjusted terms total employment fell by 8,500.
- Private employment increased by 9,300 persons and government employment by 18,400.
- The principal increases were in education (14,600), manufacturing (4,600), health (3,200) and construction (2,600).

EXPLANATORY NOTES

Introduction

This preliminary statement will be followed in due course by the monthly bulletin *Employment and Unemployment* (Reference No. 6.4) which gives information in greater detail.

2. Estimates of private and government employment in this statement for the period June 1976 to February 1977 are on a revised basis, which has been designed to achieve uniformity of classification in ABS statistical collections. The effect of this revision on employment estimates at January 1977 is that government employment estimates are about 150,000 higher and private employment estimates about 150,000 lower than they would have been had the previous classification been continued. The approximate increase in Australian Government employment is 1,500 and in State government employment 148,500.

3. The principal changes affecting the private/government dissection of employment estimates are as follows:

(a) **Hospitals.** Non-departmental "public" or "board" hospitals (other than those run by religious or charitable organisations) are now classified to State government. This change has been made because the degree of State government financing and control of such institutions was found to be sufficient to warrant their inclusion in the State government estimates. The effect of this decision is to add approximately 142,000 persons to State government employment estimates at January 1977.

(b) **Marketing Authorities.** All marketing authorities or boards (other than those which are purely growers' or producers' co-operatives) are now included in the government sector, as they exercise functions which are fundamentally those of government. Previously a limited number of such bodies were included in the government employment estimates. The effect of the inclusion of all marketing authorities is to add approximately 7,000 persons to the government employment estimates at January 1977.

Reference period

4. Current data supplied by reporting enterprises or establishments generally refer to persons on the payroll for the last pay-period in each month.

Scope of estimates

5. The series in this statement relate only to *wage and salary earners*, not the total labour force. The statistics therefore exclude employers, self-employed persons, unpaid helpers and the unemployed. Employees in agriculture and private households are also excluded because of the inadequacy of current data. For the sake of brevity, wage and salary earners are referred to in the tables as 'employees'.

6. Persons who are on paid leave or who work during part of the pay-period and are unemployed or on strike during the rest of the period are generally counted as employed. Those not shown on employers' payrolls because they are on leave without pay, on strike or stood down for the entire period are excluded.

Method of estimation

7. The estimates are based on benchmarks derived from the results of the 1971 population census and other relevant sources, such as special returns from government bodies and the Bureau's economic censuses and surveys. Month-to-month changes shown by current returns are linked to the benchmark data to derive the monthly estimates. Current returns are of three main types:

- payroll tax returns
- returns from government bodies
- other current employment returns (e.g. for hospitals).

8. Recorded employment obtained from these sources is estimated to account for nearly 90 per cent of the total number of employees in the industries covered. The balance (that is, unrecorded private employment) is estimated.

Government employment

9. Government employees comprise not only administrative employees but also all other employees of government bodies (Australian, State, local and semi-government) on services such as railways, road transport, banks, postal and telecommunications, air transport, education (including universities, colleges of advanced education, etc.), radio, television, police, public works, factories, marketing authorities, public hospitals (other than those run by charitable or religious organisations) and departmental hospitals and institutions.

NOTE. Any discrepancies between totals and sums of components in tables are due to rounding. The figures shown are subject to revision.

Symbols and other usages

- † Affected by industrial dispute.
- ‡ revised
- break in continuity of series

TABLE 1. CIVILIAN EMPLOYEES
(Excluding agriculture and private domestic service)
(000)

| Month | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. (a) | Australia | |
|----------------|---------|---------|-------|-------|-------|-------|------|---------------|-----------|----------------------------|
| | | | | | | | | | Original | Seasonally adjusted (b) |
| MALES | | | | | | | | | | |
| 1976 - January | 1,079.0 | 826.9 | 400.6 | 274.5 | 247.8 | 88.9 | 24.9 | 52.4 | 2,995.1 | 3,005.8 |
| February | 1,081.0 | 828.6 | 404.5 | 276.3 | 248.0 | 88.9 | 24.7 | 52.1 | 3,004.2 | 3,002.9 |
| 1977 - January | 1,062.8 | 826.0 | 400.9 | 277.8 | 250.6 | 88.8 | 23.6 | 50.0 | 2,980.4 | 2,991.8 |
| February | 1,064.7 | 827.8 | 403.6 | 278.2 | 252.9 | 89.1 | 23.6 | 50.1 | 2,990.0 | 2,989.2 |
| FEMALES | | | | | | | | | | |
| 1976 - January | 615.8 | 492.4 | 211.8 | 159.5 | 131.7 | 45.2 | 12.2 | 35.2 | 1,703.9 | 1,732.7 |
| February | 623.1 | 496.4 | 213.6 | 163.4 | 135.0 | 46.2 | 12.3 | 35.5 | 1,725.4 | 1,730.1 |
| 1977 - January | 613.8 | 494.9 | 214.7 | 164.6 | 138.2 | 48.0 | 12.5 | 34.8 | 1,721.4 | 1,750.7 |
| February | 622.4 | 497.0 | 214.7 | 167.8 | 141.6 | 48.2 | 12.7 | 35.1 | 1,739.7 | 1,744.8 |
| PERSONS | | | | | | | | | | |
| 1976 - January | 1,694.8 | 1,319.4 | 612.4 | 434.0 | 379.4 | 134.1 | 37.2 | 87.7 | 4,699.0 | 4,738.5 |
| February | 1,704.1 | 1,325.0 | 618.0 | 439.7 | 383.1 | 135.1 | 37.0 | 87.6 | 4,729.6 | 4,733.0 |
| 1977 - January | 1,676.6 | 1,320.8 | 615.5 | 442.3 | 388.8 | 136.8 | 36.2 | 84.7 | 4,701.9 | 4,742.5 |
| February | 1,687.1 | 1,324.8 | 618.3 | 446.0 | 394.6 | 137.4 | 36.2 | 85.3 | 4,729.7 | 4,734.0 |

(a) Includes persons employed in the Australian Capital Territory who reside in adjoining areas. (b) Seasonally adjusted statistics for these and other series have been revised following the annual re-analysis of data. For details of the methods used see *Seasonally Adjusted Indicators, 1977* (Reference No. 1.10) to be issued shortly.

TABLE 2. TOTAL CIVILIAN EMPLOYEES (PRIVATE AND GOVERNMENT) AND DEFENCE FORCES : AUSTRALIA
(Excluding agriculture and private domestic service)
(000)

NOTE. Estimates of private and government employment are on a revised basis. See paragraphs 2 and 3 of the Explanatory Notes.

| Month | Private (a) | Government(a) | | | | Civilian employees | Defence forces (c) | Total civilian employees and defence forces |
|----------------|----------------|---------------|-----------------|----------------|----------------|-----------------------|--------------------------|---|
| | | Private r | Australian r | State (b) r | Local (b) r | | | |
| MALES | | | | | | | | |
| 1976 - June | 2,068.8 | 275.5 | 559.4 | 101.5 | 936.4 | 3,005.2 | 65.3 | 3,070.5 |
| July | 2,064.1 | 274.7 | 559.6 | 101.1 | 935.4 | 2,999.5 | 65.3 | 3,064.8 |
| August | 2,058.4 | 274.3 | 558.0 | 100.9 | 933.3 | 2,991.7 | 65.2 | 3,056.9 |
| September | 2,056.8 | 273.7 | 558.1 | 100.9 | 932.6 | 2,989.5 | 65.1 | 3,054.6 |
| October | 2,055.7 | 272.8 | 557.7 | 100.6 | 931.1 | 2,986.8 | 65.1 | 3,051.9 |
| November | 2,057.3 | 272.6 | 558.9 | 100.9 | 932.4 | 2,989.7 | 65.0 | 3,054.7 |
| December | 2,050.6 | 273.5 | 558.4 | 101.8 | 933.7 | 2,984.3 | 64.9 | 3,049.2 |
| 1977 - January | 2,044.6 | 272.6 | 561.2 | 102.0 | 935.8 | 2,980.4 | 65.9 | 3,046.3 |
| February | 2,049.7 | 272.5 | 565.3 | 102.4 | 940.2 | 2,990.0 | 66.1 | 3,056.1 |
| FEMALES | | | | | | | | |
| 1976 - June | 1,238.1 | 115.5 | 359.5 | 19.8 | 494.8 | 1,732.9 | 3.6 | 1,736.5 |
| July | 1,236.3 | 116.4 | 360.8 | 20.0 | 497.2 | 1,733.6 | 3.5 | 1,737.1 |
| August | 1,235.6 | 116.5 | 360.6 | 20.1 | 497.3 | 1,732.9 | 3.6 | 1,736.5 |
| September | 1,238.9 | 116.1 | 362.2 | 20.5 | 498.8 | 1,737.7 | 3.6 | 1,741.3 |
| October | 1,244.9 | 115.2 | 363.8 | 20.7 | 499.7 | 1,744.6 | 3.6 | 1,748.2 |
| November | 1,251.5 | 115.3 | 365.2 | 21.0 | 501.6 | 1,753.1 | 3.7 | 1,756.8 |
| December | 1,246.6 | 115.1 | 355.1 | 21.0 | 491.2 | 1,737.8 | 3.6 | 1,741.4 |
| 1977 - January | 1,231.7 | 115.1 | 353.8 | 20.8 | 489.7 | 1,721.4 | 3.7 | 1,725.1 |
| February | 1,236.0 | 115.4 | 366.9 | 21.4 | 503.7 | 1,739.7 | 3.8 | 1,743.5 |
| PERSONS | | | | | | | | |
| 1976 - June | 3,306.9 | 391.0 | 918.9 | 121.3 | 1,431.2 | 4,738.2 | 68.9 | 4,807.1 |
| July | 3,300.4 | 391.1 | 920.4 | 121.1 | 1,432.7 | 4,733.1 | 68.8 | 4,801.9 |
| August | 3,294.1 | 390.8 | 918.6 | 121.0 | 1,430.6 | 4,724.7 | 68.8 | 4,793.5 |
| September | 3,295.8 | 389.8 | 920.3 | 121.4 | 1,431.5 | 4,727.2 | 68.7 | 4,795.9 |
| October | 3,300.6 | 388.0 | 921.5 | 121.3 | 1,430.8 | 4,731.4 | 68.7 | 4,800.1 |
| November | 3,308.7 | 387.9 | 924.1 | 121.9 | 1,434.0 | 4,742.8 | 68.7 | 4,811.5 |
| December | 3,297.2 | 388.6 | 913.5 | 122.8 | 1,424.9 | 4,722.1 | 68.5 | 4,790.6 |
| 1977 - January | 3,276.4 | 387.6 | 915.1 | 122.8 | 1,425.5 | 4,701.9 | 69.6 | 4,771.5 |
| February | 3,285.7 | 387.9 | 932.2 | 123.7 | 1,443.9 | 4,729.7 | 69.9 | 4,799.6 |

(a) Includes semi-government bodies. (b) Excludes State and local government employees (5.6 thousand persons in December 1976) engaged in agriculture or in private homes as employees of government emergency housekeeper services. (c) Permanent defence forces in Australia and overseas.

TABLE 3. CIVILIAN EMPLOYEES : BY INDUSTRY, AUSTRALIA
(Excluding agriculture and private domestic service)
('000)

| ASIC Division (a) | ASIC industry (a) | MALES | | | | FEMALES | | | | PERSONS | | | |
|----------------------|--|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|
| | | 1976 | | 1977 | | 1976 | | 1977 | | 1976 | | 1977 | |
| | | Jan. | Feb. | Jan. | Feb. | Jan. | Feb. | Jan. | Feb. | Jan. | Feb. | Jan. | Feb. |
| A(b) | Forestry, fishing and hunting | 13.8 | 13.9 | 13.7 | 13.6 | 1.0 | 1.0 | 1.1 | 1.0 | 14.8 | 14.8 | 14.8 | 14.6 |
| B | Mining | 73.1 | 72.9 | 73.0 | 72.9 | 5.8 | 5.8 | 5.9 | 5.8 | 78.9 | 78.7 | 78.9 | 78.7 |
| C | Manufacturing | 887.0 | 893.4 | 875.8 | 878.7 | 311.5 | 315.9 | 296.7 | 298.4 | 1,198.5 | 1,209.3 | 1,172.5 | 1,177.1 |
| | Food, beverages and tobacco | 141.0 | 144.4 | 140.8 | 143.9 | 49.7 | 52.5 | 48.3 | 50.4 | 190.7 | 196.9 | 189.1 | 194.3 |
| | Textiles | 25.5 | 25.6 | 22.9 | 23.0 | 19.5 | 19.5 | 16.3 | 16.2 | 44.9 | 45.0 | 39.3 | 39.3 |
| | Clothing and footwear | 20.3 | 20.4 | 19.2 | 19.2 | 70.6 | 71.2 | 64.5 | 64.3 | 90.9 | 91.6 | 83.7 | 83.5 |
| | Paper and paper products, printing | 72.2 | 72.2 | 71.4 | 71.3 | 25.4 | 25.6 | 25.1 | 25.2 | 97.6 | 97.8 | 96.5 | 96.5 |
| | Metal products, machinery and equipment | 429.1 | 430.8 | 424.4 | 424.2 | 90.2 | 90.5 | 87.3 | 86.9 | 519.5 | 521.4 | 511.7 | 511.2 |
| | Basic metal products | 83.0 | 82.8 | 83.5 | 83.4 | 6.9 | 6.9 | 6.8 | 6.7 | 90.0 | 89.8 | 90.3 | 90.1 |
| | Fabricated metal products | 85.9 | 86.2 | 84.6 | 84.8 | 21.6 | 21.8 | 21.3 | 21.3 | 107.6 | 108.0 | 106.0 | 106.1 |
| | Transport equipment | 131.8 | 133.3 | 133.0 | 132.7 | 16.1 | 16.5 | 16.7 | 16.7 | 147.9 | 149.8 | 149.7 | 149.5 |
| | Other machinery and equipment | 128.4 | 128.5 | 123.2 | 123.3 | 45.6 | 45.3 | 42.5 | 42.2 | 174.0 | 173.8 | 165.8 | 165.5 |
| D | Electricity, gas and water | 91.5 | 91.5 | 91.6 | 92.0 | 9.3 | 9.1 | 9.1 | 9.2 | 100.9 | 100.7 | 100.7 | 101.2 |
| E | Construction | 353.7 | 354.7 | 339.8 | 342.4 | 18.1 | 18.2 | 18.2 | 18.2 | 371.8 | 372.9 | 358.0 | 360.6 |
| F | Wholesale and retail trade | 550.8 | 552.5 | r557.3 | 557.9 | 405.3 | 406.6 | r410.1 | 411.2 | 956.1 | 959.0 | r967.4 | 969.1 |
| | Wholesale trade | 241.1 | 242.2 | 243.0 | 243.3 | 92.6 | 93.6 | 92.8 | 93.1 | 333.7 | 335.8 | r335.7 | 336.4 |
| | Retail trade | 309.7 | 310.2 | r314.4 | 314.7 | 312.7 | 313.0 | r317.3 | 318.1 | 622.4 | 623.2 | r631.7 | 632.8 |
| | Motor vehicle dealers, petrol and tyre retailers | 140.3 | 141.5 | r141.6 | 142.4 | 29.7 | 29.9 | r30.7 | 30.8 | 170.0 | 171.4 | r172.2 | 173.2 |
| | Other retail trade | 169.4 | 168.8 | 172.8 | 172.2 | 283.1 | 283.1 | 286.6 | 287.3 | 452.5 | 451.8 | 459.4 | 459.5 |
| G | Transport and storage | 217.3 | 215.8 | 214.6 | 213.8 | 36.4 | 36.2 | 36.7 | 36.5 | 253.7 | 252.1 | 251.3 | 250.4 |
| H | Road transport | 82.1 | 82.1 | 80.6 | 81.0 | 13.5 | 13.5 | 13.7 | 13.6 | 95.6 | 95.6 | 94.3 | 94.6 |
| I | Communication | 72.7 | 71.9 | 71.9 | 71.5 | 30.0 | 29.8 | 29.6 | 29.1 | 102.7 | 101.7 | 101.5 | 100.6 |
| | Finance, insurance, real estate and business services | 196.3 | 196.9 | 196.8 | 197.5 | 180.5 | 181.8 | 186.0 | 187.1 | 376.8 | 378.7 | 382.8 | 384.5 |
| J(c) | Public administration and defence | 154.4 | 153.5 | 151.8 | 152.1 | 89.8 | 90.3 | 90.6 | 91.7 | 244.2 | 243.8 | 242.4 | 243.8 |
| K | Community services | 272.3 | 276.0 | 282.3 | 286.5 | 453.8 | 468.5 | 476.4 | 490.8 | 726.1 | 744.4 | 758.7 | 777.3 |
| | Health | 62.2 | 62.3 | 66.8 | 66.9 | 243.3 | 246.4 | 256.2 | 259.4 | 305.4 | 308.7 | 323.1 | 326.3 |
| | Education, libraries, museums and art galleries | 116.4 | 119.7 | 120.8 | 124.4 | 171.2 | 182.5 | 179.8 | 190.8 | 287.6 | 302.2 | 300.6 | 315.2 |
| L(d) | Entertainment, recreation, restaurants, hotels and personal services | 112.1 | 111.2 | 111.6 | 111.1 | 162.4 | 162.1 | r161.2 | 160.6 | 274.5 | 273.4 | 272.9 | 271.7 |
| | TOTAL | 2,995.1 | 3,004.2 | r2,980.4 | 2,990.0 | 1,703.9 | 1,725.4 | r1,721.4 | 1,739.7 | 4,699.0 | 4,729.6 | r4,701.9 | 4,729.7 |

(a) Australian Standard Industrial Classification. Some Division totals include industries not specified separately. (b) Excludes ASIC Sub-divisions 01 (Agriculture) and 02 (Services to agriculture). (c) Excludes members of the permanent defence forces. (d) Excludes ASIC Sub-division 94 Private households employing staff.

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TABLE 4. CIVILIAN EMPLOYEES : AUSTRALIA - SEASONALLY ADJUSTED SERIES
(Excluding agriculture and private domestic service)
('000)

| Month | Total civilian employees | | | Private/Government (persons)(a) | | Principal industries (persons) | |
|--------------------------|--------------------------|---------|----------|---------------------------------|----------------|--------------------------------|----------------------------|
| | Males | Females | Persons | Private | Government (b) | Manufacturing | Wholesale and retail trade |
| ORIGINAL | | | | | | | |
| 1976 - | | | | | | | |
| January | 2,995.1 | 1,703.9 | 4,699.0 | 3,431.3 | 1,267.7 | 1,198.5 | 956.1 |
| February | 3,004.2 | 1,725.4 | 4,729.6 | 3,450.8 | 1,278.7 | 1,209.3 | 959.0 |
| March | 3,011.2 | 1,737.0 | 4,748.2 | 3,467.3 | 1,280.9 | 1,213.1 | 965.0 |
| April | 3,010.3 | 1,735.8 | 4,746.0 | 3,464.5 | 1,281.6 | 1,206.3 | 966.8 |
| May | 3,010.1 | 1,735.1 | 4,745.2 | 3,463.4 | 1,281.8 | 1,203.2 | 969.8 |
| June | 3,005.2 | 1,732.9 | 4,738.2 | 3,306.9 | 1,431.2 | 1,196.9 | 968.4 |
| July | 2,999.5 | 1,733.6 | 4,733.1 | 3,300.4 | 1,432.7 | 1,192.9 | 966.8 |
| August | 2,991.7 | 1,732.9 | 4,724.7 | 3,294.1 | 1,430.6 | 1,187.3 | 967.4 |
| September | 2,989.5 | 1,737.7 | 4,727.2 | 3,295.8 | 1,431.5 | 1,186.7 | 968.1 |
| October | 2,986.8 | 1,744.6 | 4,731.4 | 3,300.6 | 1,430.8 | 1,187.3 | 971.7 |
| November | †2,989.7 | 1,753.1 | †4,742.8 | †3,308.7 | 1,434.0 | †1,184.4 | 978.6 |
| December | 2,984.3 | 1,737.8 | 4,722.1 | 3,297.2 | 1,424.9 | 1,176.7 | 980.3 |
| 1977 - | | | | | | | |
| January r | 2,980.4 | 1,721.4 | 4,701.9 | 3,276.4 | 1,425.5 | 1,172.5 | 967.4 |
| February | 2,990.0 | 1,739.7 | 4,729.7 | 3,285.7 | 1,443.9 | 1,177.1 | 969.1 |
| SEASONALLY ADJUSTED (c)r | | | | | | | |
| 10 MAY 1977 | | | | | | | |
| 1976 - | | | | | | | |
| January | 3,005.8 | 1,732.7 | 4,738.5 | 3,455.4 | 1,284.1 | 1,207.6 | 961.8 |
| February | 3,002.9 | 1,730.1 | 4,733.0 | 3,455.5 | 1,277.4 | 1,208.8 | 964.5 |
| March | 3,003.4 | 1,732.0 | 4,735.4 | 3,459.6 | 1,275.6 | 1,209.6 | 965.8 |
| April | 3,006.1 | 1,731.5 | 4,737.6 | 3,460.7 | 1,275.7 | 1,205.7 | 967.4 |
| May | 2,997.8 | 1,729.3 | 4,727.1 | 3,453.4 | 1,273.5 | 1,201.4 | 967.3 |
| June | 2,995.8 | 1,728.0 | 4,723.8 | 3,301.7 | 1,421.4 | 1,196.2 | 967.9 |
| July | 2,999.5 | 1,731.5 | 4,731.0 | 3,306.5 | 1,424.4 | 1,193.3 | 970.7 |
| August | 2,996.9 | 1,733.6 | 4,730.5 | 3,303.6 | 1,426.9 | 1,187.6 | 973.3 |
| September | 2,996.4 | 1,736.2 | 4,732.6 | 3,301.7 | 1,432.1 | 1,185.1 | 972.2 |
| October | 2,993.1 | 1,739.2 | 4,732.3 | 3,299.2 | 1,434.9 | 1,184.1 | 969.5 |
| November | †2,991.1 | 1,742.3 | †4,733.4 | 3,297.0 | 1,438.9 | †1,181.1 | 968.7 |
| December | 2,988.8 | 1,743.6 | 4,732.4 | 3,298.0 | 1,436.3 | 1,182.2 | 969.3 |
| 1977 - | | | | | | | |
| January | 2,991.8 | 1,750.7 | 4,742.5 | 3,296.6 | 1,446.4 | 1,181.8 | 973.1 |
| February | 2,989.2 | 1,744.8 | 4,734.0 | 3,287.8 | 1,444.4 | 1,176.9 | 974.7 |

(a) Estimates of private and government employment have been calculated on a revised basis for June 1976 and subsequent months. See paragraphs 2 and 3 of the Explanatory Notes. Estimates for earlier periods on the revised basis are not available. (b) Includes semi-government bodies. (c) See (b) to Table 1.

RELATED PUBLICATIONS

Users may also wish to refer to the following employment publications which are available on request.

Employment and Unemployment (Reference No. 6.4)

Employed Wage and Salary Earners, June 1971 to June 1975 (Reference No. 6.23).

All publications produced by the ABS are listed in *Publications of the Australian Bureau of Statistics* (Reference No. 1.8) which is available free of charge from any ABS office.

R. J. CAMERON
Australian Statistician